CLAIMS:

1. A method for patterning a ferroelectric polymer or oligomer layer comprising the steps of :

- providing a ferroelectric polymer or oligomer composition having a crosslinking agent,
- applying the ferroelectric polymer or oligomer composition to a substrate to form a ferroelectric polymer or oligomer layer on the substrate,
- selectively crosslinking a part of said ferroelectric polymer or oligomer layer, and
- removing uncrosslinked parts of said ferroelectric polymer or oligomer layer.

2. A method according to claim 1, wherein the ferroelectric polymer or oligomer is a main chain polymer, a block copolymer or a side chain polymer.

3. A method according to claim 1, wherein the ferroelectric polymer or oligomer layer comprises an at least partly fluorinated material.

4. A method according to claim 3, wherein the at least partly fluorinated polymer or oligomer material is selected from: $(CH_2\text{-}CF_2)_n$, $(CHF\text{-}CF_2)_n$ $(CF_2\text{-}CF_2)_n$ or combinations thereof to form (random) copolymers such as for example: $(CH_2\text{-}CF_2)_n\text{-}(CHF\text{-}CF_2)_m$ or $(CH_2\text{-}CF_2)_n\text{-}(CF_2\text{-}CF_2)_m$.

5. A method according to claim 1, wherein said crosslinking agent leads to an electron deficient intermediate.

6. A method according to claim 5, wherein said electron deficient intermediate is a radical, a carbene or a nitrene intermediate.

7. A method according to claim 5, wherein the crosslinking agent is a bisazide.

8. A method according to claim 1, wherein the spincoating solution furthermore comprises an organic solvent.

9. A method according to claim 8, wherein the organic solvent is 2-butanone.

10. An electronic device comprising a patterned crosslinked ferroelectric layer.

11. The electronic device according to claim 10, wherein the electronic device is a capacitor.

12. The electronic device according to claim 10, wherein the electronic device is a memory element.

13. The electronic device according to claim 10, wherein the crosslinked ferroelectric layer is a radiation crosslinked, chemically crosslinked or heat activated crosslinked layer.